

浙大三色

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ROLED

灯具名称: 投光灯

灯具描述: F3073A-60-UN (2515-OL-60WN-AA, L520mm, C, CT)

报告编号:

电压(V): 220.3000

测试编号: 20210331008

电流(A): 0.3170

光源规格型号: OL

功率(W): 68.3000

每个光源光通量(lm)

功率因数: 0.9780

光源数量: 60

镇流器型号:

发光面长度(mm): 490

发光面宽度(mm): 103

测试模式: C

发光面高度(mm): 0

光度结果

灯具光通量(lm): 6309.29

灯具效能(lm/w): 92.38

中心光强(cd): 34309.380

最大光强(cd): 34585.640

最大光强角度: C=30.0 $\gamma=0.0$

半峰边角(50%Imax): [C0/180]Total=24.8

[C90/270]Total=11.9

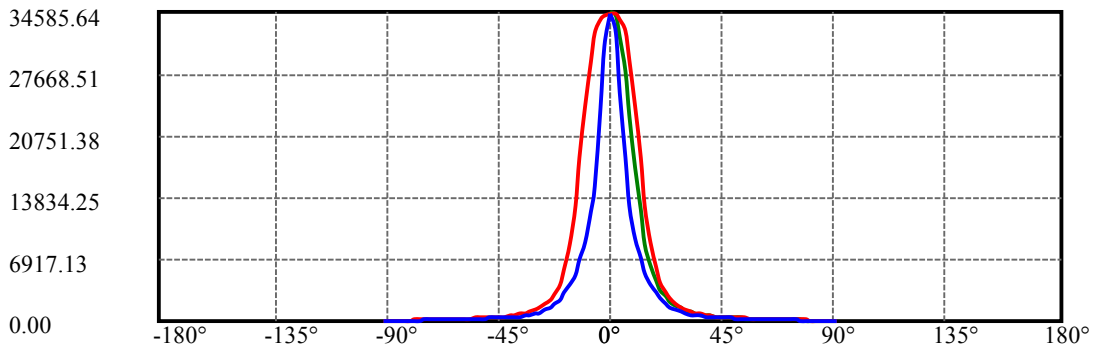
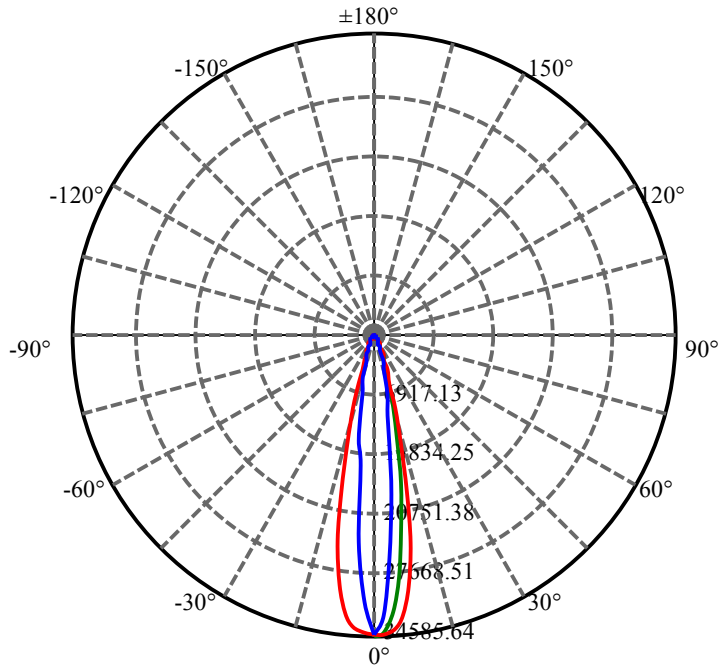
光束扩散角(10%Imax): [C0/180]Total=42.9

[C90/270]Total=34.9

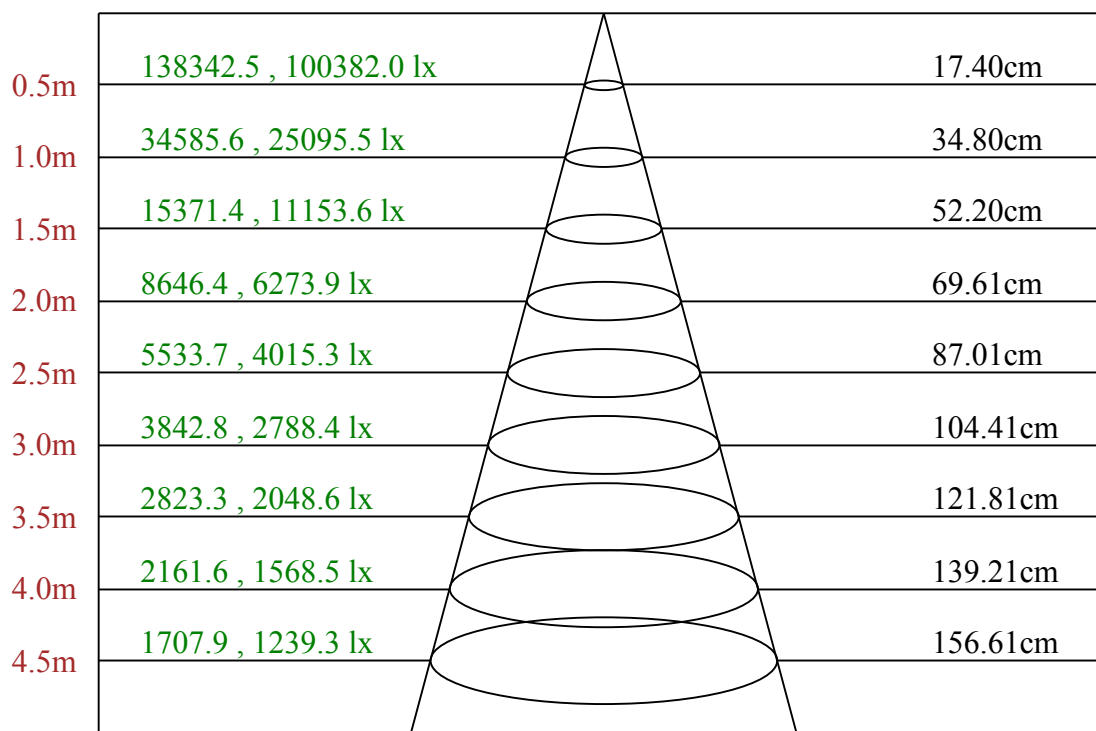
测试设备: GMS1800
环境温度(°C): 25.0

测试日期: 2021/3/31
环境湿度(%): 60.0%

测试人员: anpeilou
测试距离(m): 8.76

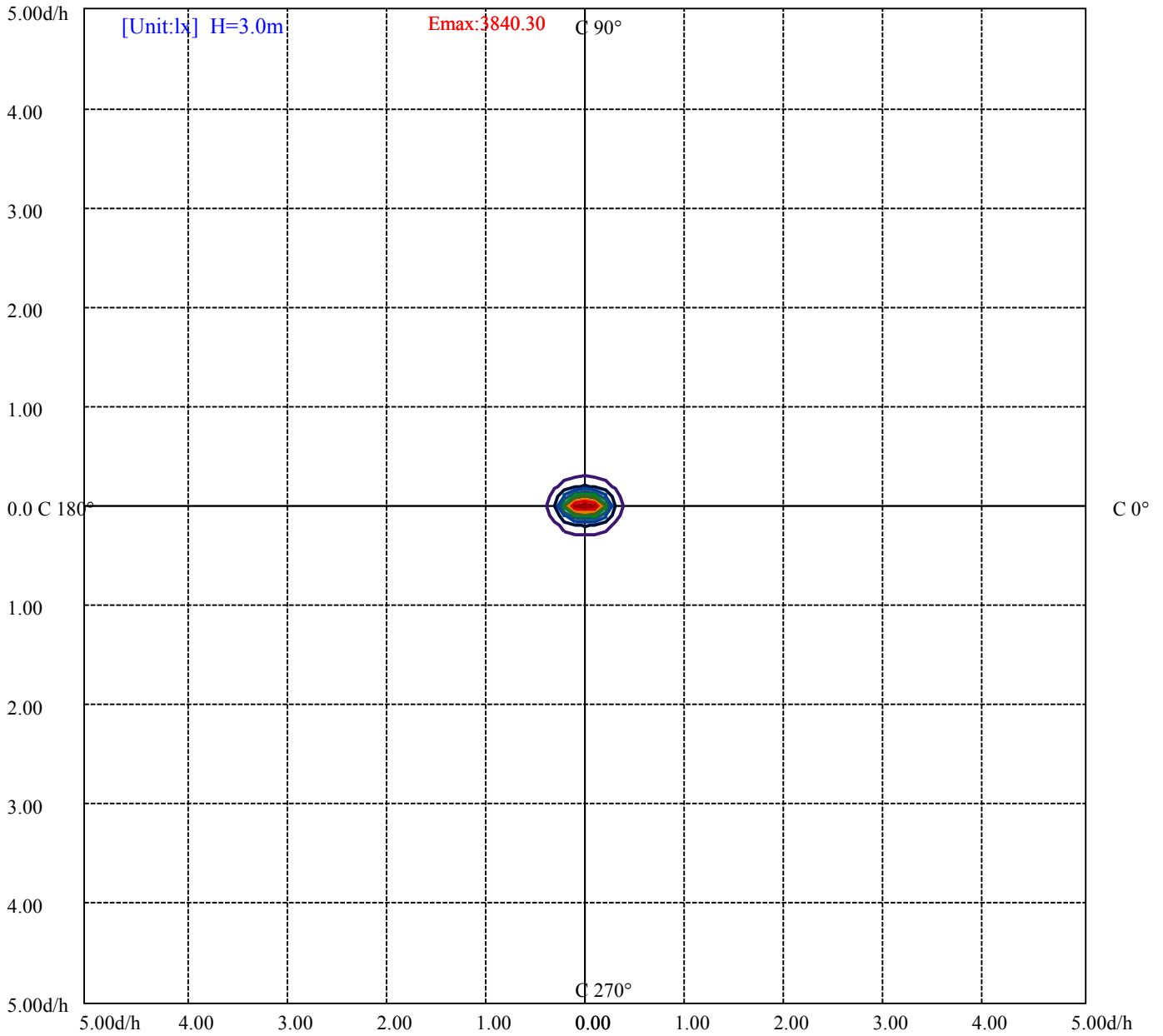


C30(Max): —
C0/C180: —
C90/C270: —



Max , Ave C30面光束角19.74

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平面等照度曲线



- (10%Emax) 384.0278
- (20%Emax) 768.0555
- (30%Emax) 1152.089
- (40%Emax) 1536.111
- (50%Emax) 1920.145
- (60%Emax) 2304.167
- (70%Emax) 2688.2
- (80%Emax) 3072.222
- (90%Emax) 3456.256

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灯具的亮度限制曲线(灯具无发光侧边)

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亮度值表

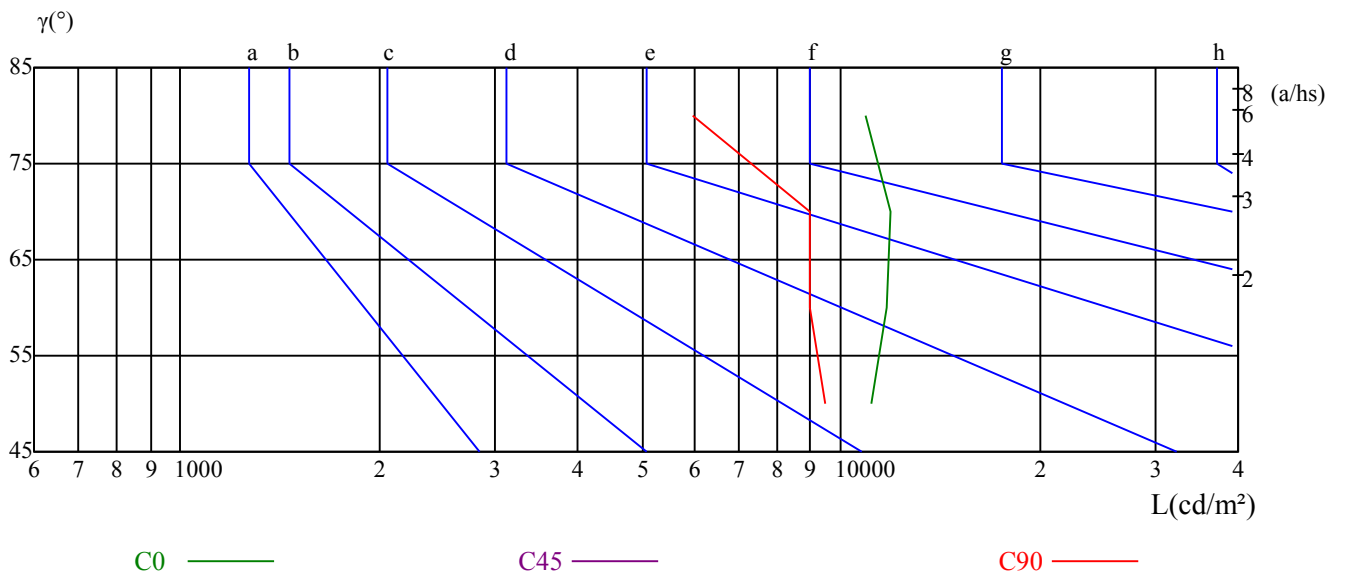
γ	45	50	55	60	65	70	75	80	85
C0	0	11120	0	11768	0	11883	0	10936	0
C45	0	0	0	0	0	0	0	0	0
C90	0	9469	0	8986	0	9007	0	5954	0

L横(65)	L纵(65)	L45(65)	L横(75)	L纵(75)	L45(75)	L横(85)	L纵(85)	L45(85)
0	0	0	0	0	0	0	0	0

眩光等级表

眩光等级	质量等级	使用照度(lx)							
1.15	A	2000	1000	500	≤ 300				
1.5	B		2000	1000	500	≤ 300			
1.85	C			2000	1000	500	≤ 300		
2.2	D				2000	1000	500	≤ 300	
2.55	E					2000	1000	500	≤ 300
		a	b	c	d	e	f	g	h

亮度限制曲线



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参照UGR的照射评估											
天花板反射率	70	70	50	50	30	70	70	50	50	30	
墙壁反射率	50	30	50	30	30	50	30	50	30	30	
地板反射率	20	20	20	20	20	20	20	20	20	20	
空间尺寸	Viewed crosswise					Viewed endwise					
X	Y										
2H	2H	9.39	10.49	9.76	10.80	11.11	10.55	11.65	10.92	11.96	12.28
	3H	11.32	12.29	11.70	12.62	12.99	12.67	13.64	13.05	13.97	14.34
	4H	11.96	12.86	12.37	13.22	13.60	13.47	14.38	13.88	14.73	15.12
	6H	12.31	13.14	12.73	13.51	13.91	14.09	14.91	14.50	15.29	15.68
	8H	12.38	13.16	12.81	13.55	13.96	14.29	15.07	14.72	15.46	15.87
	12H	12.44	13.18	12.87	13.57	14.00	14.52	15.26	14.95	15.65	16.08
4H	2H	10.18	11.08	10.58	11.43	11.82	11.06	11.97	11.47	12.32	12.71
	3H	12.24	12.99	12.66	13.39	13.80	13.36	14.10	13.77	14.51	14.91
	4H	12.98	13.64	13.42	14.07	14.51	14.26	14.92	14.70	15.35	15.79
	6H	13.34	13.92	13.81	14.36	14.84	14.87	15.45	15.34	15.89	16.37
	8H	13.43	13.97	13.91	14.42	14.89	15.12	15.66	15.60	16.11	16.58
	12H	13.49	13.96	13.98	14.44	14.92	15.37	15.83	15.86	16.32	16.79
8H	4H	13.30	13.83	13.77	14.28	14.76	14.43	14.96	14.90	15.41	15.88
	6H	13.78	14.21	14.29	14.71	15.19	15.17	15.60	15.68	16.10	16.58
	8H	13.93	14.31	14.46	14.83	15.32	15.49	15.87	16.02	16.39	16.89
	12H	14.51	14.83	15.03	15.33	15.91	16.22	16.55	16.74	17.05	17.62
12H	4H	13.32	13.79	13.81	14.27	14.75	14.41	14.87	14.90	15.36	15.84
	6H	14.22	14.22	14.38	14.69	15.24	15.55	15.56	15.71	16.03	16.57
	8H	14.03	14.35	14.55	14.85	15.43	15.54	15.86	16.06	16.36	16.94
对应照射距离，改变观察者位置S											
S = 1.0H	0.3/-0.5					0.3/-0.6					
S = 1.5H	0.8/-0.7					0.8/-0.6					
S = 2.0H	1.0/-0.8					1.0/-0.6					
标准表格	BK4					BK3					
更正系数	2.0					2.8					

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光强数据表(cd)

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C/γ(°)	0.0	2.0	4.0	6.0	8.0	10.0	12.0	14.0	16.0
0.0	34309.38	34278.69	33833.61	32360.25	29167.96	24141.65	18209.83	12868.90	8817.15
30.0	34585.64	34063.82	31838.43	27855.75	22913.85	17288.98	12416.14	8686.70	6254.11
60.0	34539.59	32122.36	26528.19	19829.00	14240.20	10200.73	7574.00	5696.23	4410.11
90.0	34424.49	32122.36	25668.73	18294.24	12799.83	9300.60	7136.60	5448.37	4182.20
120.0	34401.47	31792.39	26274.95	19713.89	14187.25	10155.45	7521.05	5635.61	4352.56
150.0	34370.77	33641.76	31285.92	27456.71	22714.33	17265.96	12485.21	8740.41	6254.11
180.0	34309.38	34178.93	33657.11	32122.36	29014.49	24041.89	18301.92	12951.77	8654.47
210.0	34585.64	33281.10	30249.96	26121.48	20949.36	15109.63	11363.30	8007.57	5781.41
240.0	34539.59	32176.08	26290.30	19491.35	14265.52	10282.84	7696.78	5832.06	4443.11
270.0	34424.49	30741.08	23827.02	15138.03	12137.59	8914.61	6789.74	5207.41	4047.91
300.0	34401.47	32467.68	26996.29	20289.42	14864.07	10666.53	7950.02	6016.23	4588.91
330.0	34370.77	33611.07	31147.79	27310.91	22146.47	15114.24	11874.38	8474.13	5977.86
360.0	34309.38	34278.69	33833.61	32360.25	29167.96	24141.65	18209.83	12868.90	8817.15
C/γ(°)	18.0	20.0	22.0	24.0	26.0	28.0	30.0	32.0	34.0
0.0	5947.16	4304.98	3183.84	2470.95	1949.90	1592.31	1305.31	1089.67	920.08
30.0	4588.91	3461.63	2701.93	2136.37	1739.64	1417.34	1171.02	979.94	836.44
60.0	3408.68	2639.77	2088.80	1596.14	1337.38	1102.18	920.54	780.57	673.99
90.0	3279.00	2521.60	1933.02	1524.78	1216.29	990.68	830.30	701.38	606.99
120.0	3364.94	2608.31	2065.78	1525.31	1329.25	1098.27	917.63	779.58	677.59
150.0	4542.87	3461.63	2660.49	2100.31	1692.83	1396.62	1157.20	977.64	828.77
180.0	5855.08	4105.46	3081.78	2384.24	1919.97	1525.01	1296.02	1078.93	915.48
210.0	4272.75	3247.54	2513.92	2032.01	1593.07	1358.18	1140.09	960.22	812.50
240.0	3415.59	2699.63	2107.21	1664.44	1361.33	1109.63	931.59	787.33	682.96
270.0	3133.20	2412.63	1871.63	1476.74	1196.72	964.75	811.04	689.03	600.93
300.0	3928.97	2784.04	2168.60	1709.71	1394.32	1131.88	944.64	804.21	689.87
330.0	4459.99	3366.48	2614.45	2046.59	1666.74	1363.09	1130.50	957.69	810.27
360.0	5947.16	4304.98	3183.84	2470.95	1949.90	1592.31	1305.31	1089.67	920.08
C/γ(°)	36.0	38.0	40.0	42.0	44.0	46.0	48.0	50.0	52.0
0.0	780.42	680.66	588.58	521.82	465.03	419.75	387.52	360.74	340.10
30.0	715.96	620.04	547.14	487.28	438.17	400.57	373.87	350.61	333.19
60.0	593.41	526.19	474.85	431.27	395.66	367.42	344.78	323.99	304.73
90.0	540.23	486.52	442.78	409.01	388.29	354.07	329.59	307.18	287.31
120.0	592.80	526.04	473.01	432.03	396.58	368.42	345.63	325.06	307.56
150.0	711.36	620.81	539.47	481.91	435.10	399.04	372.25	350.77	332.81
180.0	779.50	672.37	591.88	521.97	467.95	420.83	388.91	361.59	341.25
210.0	699.46	612.21	537.39	482.83	436.71	399.80	373.25	349.85	332.89
240.0	597.02	532.56	477.31	435.87	400.57	372.48	348.54	328.05	309.87
270.0	535.09	483.75	443.24	409.63	380.62	352.84	329.36	307.64	288.84
300.0	600.86	536.40	479.61	435.87	402.11	374.17	349.85	329.20	311.78
330.0	702.69	609.53	533.79	476.00	432.26	394.74	366.65	346.01	329.36
360.0	780.42	680.66	588.58	521.82	465.03	419.75	387.52	360.74	340.10
C/γ(°)	54.0	56.0	58.0	60.0	62.0	64.0	66.0	68.0	70.0
0.0	325.83	317.54	308.10	296.97	281.78	263.44	243.87	225.38	205.12
30.0	318.46	306.03	295.06	282.47	267.66	249.09	230.60	209.19	184.17
60.0	287.69	270.42	253.77	237.81	223.77	208.27	192.00	174.81	157.47
90.0	269.43	254.62	240.65	226.76	213.25	198.83	185.01	169.90	155.47
120.0	290.07	274.49	257.15	242.34	227.22	211.11	195.60	177.11	159.31
150.0	320.15	309.41	298.36	284.93	268.43	250.01	229.68	208.50	183.71
180.0	327.06	317.54	307.79	295.59	279.71	261.06	242.03	222.69	202.59
210.0	318.69	307.10	294.98	280.94	265.74	246.71	227.14	205.43	182.41
240.0	292.06	275.95	259.37	242.49	227.91	212.87	196.37	179.03	161.07
270.0	272.27	256.61	242.49	229.29	214.79	200.29	186.32	171.12	155.39
300.0	295.21	280.02	263.98	247.25	232.21	216.86	200.44	182.41	163.76
330.0	316.54	306.11	295.21	282.24	265.97	247.79	227.99	207.58	184.32
360.0	325.83	317.54	308.10	296.97	281.78	263.44	243.87	225.38	205.12

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C/γ(°)	72.0	74.0	76.0	78.0	80.0	82.0	84.0	86.0	88.0
0.0	185.86	164.14	140.28	118.56	95.85	73.13	51.11	29.16	7.90
30.0	157.62	135.52	114.26	94.77	78.20	53.03	33.84	14.73	4.91
60.0	141.66	120.55	95.00	74.21	58.78	35.53	18.80	11.36	6.29
90.0	134.52	111.58	91.01	73.36	52.18	33.07	20.95	11.51	7.14
120.0	142.66	123.85	96.54	75.05	58.55	36.37	18.95	11.43	6.06
150.0	157.77	136.06	114.49	95.46	78.20	54.94	34.07	15.42	5.06
180.0	183.40	161.30	138.13	115.34	93.70	70.91	50.34	29.01	7.37
210.0	156.16	134.14	112.27	92.93	74.82	51.26	32.54	11.97	3.99
240.0	144.11	126.08	98.53	78.20	61.16	36.53	18.72	11.74	5.83
270.0	136.29	110.58	89.32	71.98	48.42	29.39	19.49	9.98	6.14
300.0	146.72	128.61	100.83	79.81	62.46	37.68	18.65	12.12	5.83
330.0	157.08	134.14	113.11	93.39	75.36	51.34	32.46	11.51	3.99
360.0	185.86	164.14	140.28	118.56	95.85	73.13	51.11	29.16	7.90
C/γ(°)	90.0								
0.0	0.61								
30.0	0.77								
60.0	0.46								
90.0	0.46								
120.0	0.46								
150.0	0.77								
180.0	0.69								
210.0	0.46								
240.0	0.38								
270.0	0.38								
300.0	0.54								
330.0	0.54								
360.0	0.61								